

IN THE CLAIMS:

1. (Currently Amended) A capsule endoscope system comprising:

a capsule endoscope, of which movement is controlled by a magnetic field externally applied;

magnetic-field generating means for generating a magnetic field focused on one point to control the movement of the capsule endoscope traveling in a body cavity of a subject lying down on an examination table; and

moving means for moving the examination table relative to the magnetic-field generating means; [[and]]

a magnetic-field generating member arranged in at least one portion of the capsule endoscope; and

position detecting means for detecting position of the capsule endoscope,

wherein the magnetic-field generating member includes a plurality of magnetic coils arranged in the directions of three axes, which perpendicularly intersect one another, respectively in the capsule endoscope, [[and]]

at least one of the plurality of magnetic coils having a current selectively supplied thereto in a time series manner to control the movement of the capsule endoscope by the interaction thereof with the magnetic-field generating means,

the position detecting means detects the position of the capsule endoscope, and

the moving means controls the movement of the examination table in a corresponding manner to the position of the capsule endoscope.

2-7. (Cancelled)

8. (Currently Amended) A capsule endoscope system comprising:
a capsule endoscope, of which movement is controlled by a magnetic field externally applied;
magnetic-field generating means for generating a magnetic field focused on one point to control the movement of the capsule endoscope traveling in a body cavity of a subject lying down on an examination table;
moving means for moving the examination table relative to the magnetic-field generating means; and
a magnetic-field generating member arranged in at least one portion of the capsule endoscope;
wherein the magnetic-field generating member includes at least one magnetic coil, the magnetic-field generating means is controlled such that a magnetic field is intermittently applied as a pulse signal; and
the position of the capsule endoscope is detected by the magnetic field generating member when the magnetic field is not applied.

9-17. (Cancelled)